

REMARKS/ARGUMENTS

By this Amendment, Applicant responds to the Office Action dated November 23, 2004 ("the Office Action"), in which claims 1-11, 13-24, and 26-28 were rejected. Claims 12 and 25 had been previously canceled without prejudice. In this Amendment, claims 1-2, 5-6, 8-10, 14-15, 18-19, 21-23, and 27-28 are amended, and claims 11 and 24 are canceled without prejudice. After entry of this paper, claims 1-10, 13-23, and 26-28 are now pending.

103 Rejections

The Office Action rejected claims 1-11, 13-24, and 26-28 under 35 U.S.C. 103(a) as being unpatentable over Beser (U.S. 6,170,061) in view of Mashayekhi (U.S. 5,818,936).

Claim 1 has been amended to further recite that the network API is of a "sending client," that the data comprises "a portion of an event to be sent from the sending client," and that the database stores "a plurality of selector/security association pairs corresponding to different timewise intervals of said event." Support in the instant specification can be found at FIGS. 6-7 (and associated text), page 22 line 21 – page 23 line 2, and other places. As indicated in the present specification, the operations of a security agent as may occur in accordance with Claim 1, as amended, allows for efficient data transfer (as may be required in time-sensitive media transfer environments) and security (if desired), while also being substantially transparent to the network API and network protocol layers of the sending client, and while further not requiring an overhead-intensive network-layer IPsec protocol installation. It is submitted that Beser and Mashayekhi, although each generally related to various forms of network security, are generally related to different issues and/or solutions than those presented in the present specification, and do not teach or suggest the present invention as recited in Claim 1, either alone or in combination.

Claim 2 has been amended to recite that the event is “to be sent . . . to a receiving client,” that the database referenced in Claim 1 is “local at said sending client,” and that the receiving client stores “a remote database comprising a similar plurality of selector/security association pairs respectively corresponding to said different timewise intervals of said event.” Representative support in the instant specification can be found at FIGS. 6-7 (and associated text), page 22 line 21 – page 23 line 2, FIG. 13, and pages 26-27 of the originally filed specification at claim 5 thereof.

Claim 5 has been amended to depend from Claim 2 and for consistency in view of the amendments to Claims 1 and 2. It is submitted that dependent Claims 2-5 are allowable for at least the reason that they depend from an allowable base claim as well as in view of the additional recited language referenced above.

Claim 6 has been amended to further recite that the network protocol layer is of a “receiving client,” that the data comprises “a portion of an event to be received at the receiving client,” and a “receiving database storing a plurality of selector/security association pairs corresponding to different timewise intervals of said event.” Support in the instant specification can be found at FIGS. 6-7 (and associated text), page 22 line 21 – page 23 line 2, and other places. Generally speaking, the operations of a security agent as may occur in accordance with Claim 6 are analogous to operations in accordance with Claim 1, except operation is between the network protocol layer and network API of a receiving client, in a direction opposite to operation between the network API and the network protocol layer of a sending client. Similar advantages are brought about, and it is likewise submitted that Beser and Mashayekhi do not teach or suggest the present invention as recited in Claim 6, either alone or in combination.

Claim 8 has been amended to recite that the event is “sent from a sending client,” and that the sending client stores “a sending client database comprising a similar plurality of

selector/security association pairs respectively corresponding to said different timewise intervals of said event.” Representative support in the instant specification can be found at FIGS. 6-7 (and associated text), page 22 line 21 – page 23 line 2, FIG. 13, and pages 26-27 of the originally filed specification at claim 5 thereof.

Claim 9 has been amended to recite, “said receiving client database selector/security association pairs and said sending client database selector/security association pairs having been received from a key server.” Representative support in the instant specification can be found at page 22 line 21 – page 23 line 2.

Claim 10 has been amended to recite that, in the receiving client, “said data is sent to the network API of the receiving client without an applied security operation if it is so determined that the data is not eligible.” Representative support can be found in the instant specification at page 22, lines 14-16. Claim 10 recites functionality consistent with an advantage that no reverse security operations are performed if there were no forward security operations applied, promoting time-efficiency.

Claim 11 has been canceled. It is submitted that dependent claims 6-10 are allowable for at least the reason that they depend from an allowable base claim as well as in view of the additional recited language referenced above.

Claims 14-18 and 27 are submitted to be in condition for allowance for reasons analogous to those presented above for Claims 1-5. Claims 19-23, 26, and 28 are submitted to be in condition for allowance for reasons analogous to those presented above for Claims 6-10.

CONCLUSION

In view of the foregoing remarks, Applicant submits that this claimed invention is allowable over the references cited against this application. Applicant therefore requests the

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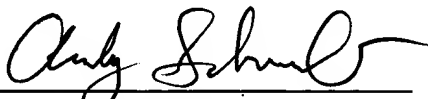
entry of this Amendment, reconsideration and reexamination of the application, and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our Deposit Account 06-0916.

Respectfully submitted,

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